# Lenovo ThinkPad 410s Teardown

Under the hood look at this laptop commonly found in offices all over the world.

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## INTRODUCTION

Here is a video teardown of the ThinkPad T410s.

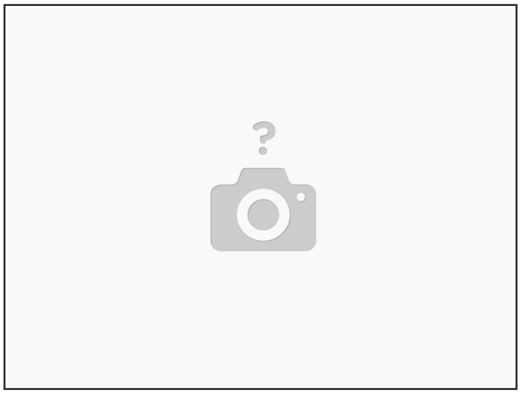
[video: http://youtu.be/UUIf3-Web7s]

Below is a step by step teardown

## TOOLS:

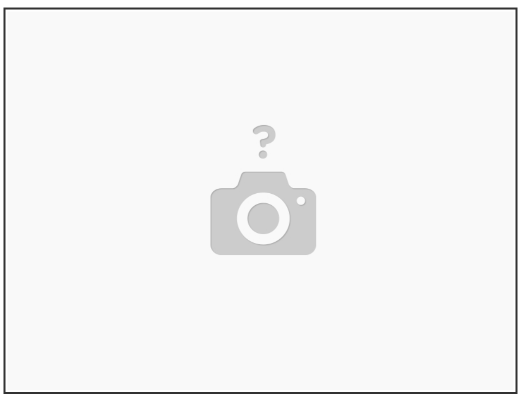
- Spudger (2)
- Phillips #0 Screwdriver (1)
- Flathead 3/32" or 2.5 mm Screwdriver (1)
- Arctic Silver Thermal Paste (1)
- High Content Rubbing Alcohol (1)
- Magnetic Project Mat (1)
- Magnetic Pickup Tool (1)
- Anti-Static Wrist Strap (1)
- Portable Anti-Static Mat (1)
- 5mm Nut Driver (1)

## Step 1 — Lenovo ThinkPad 410s Teardown



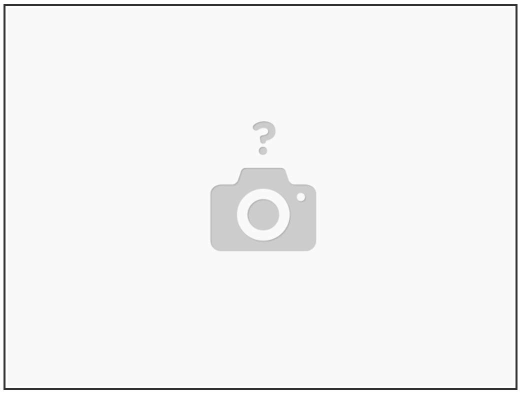
- Unlatch and remove battery

## Step 2



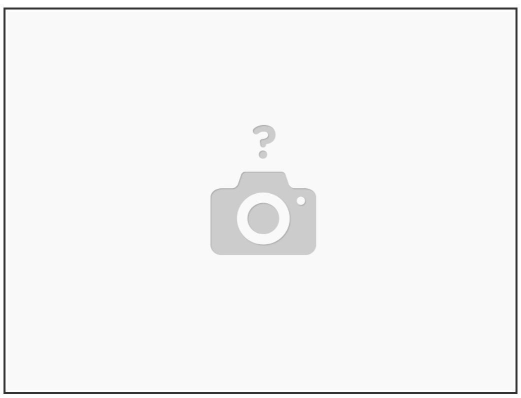
- Open Acess panel

## Step 3



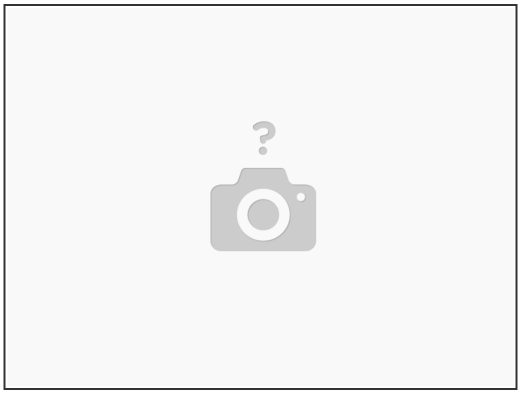
- Remove Hard drive

## Step 4



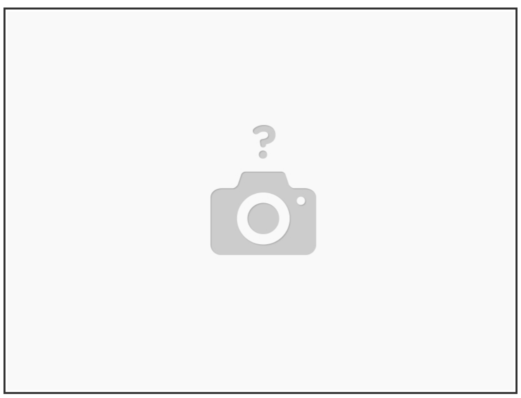
- Remove wirless WAN

## Step 5



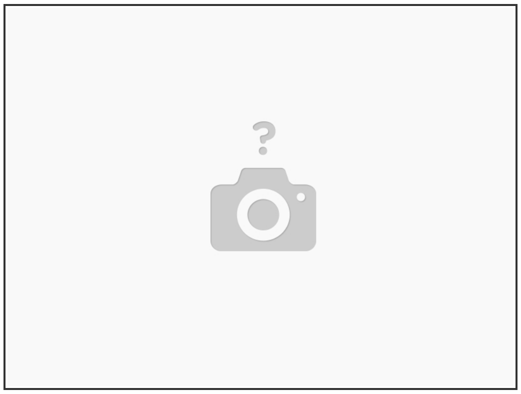
- Remove DIMM from back

## Step 6



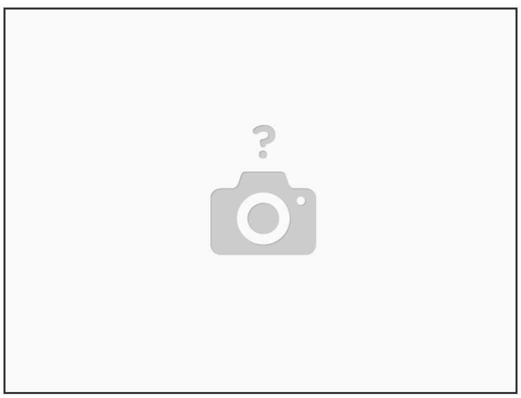
- Remove Keyboard retaing Screw from bottom of system
- Turn the system over and open the cover. Push the keyboard toward the back and lift it up. Slide it forward to rest it on the palm rest. Disconnect the ribbon cable.

## Step 7



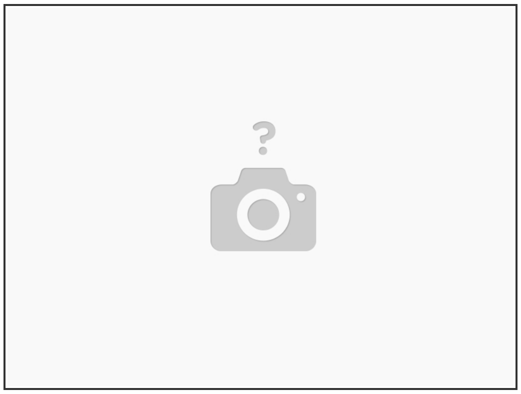
- Remove BIOS battery

## Step 8



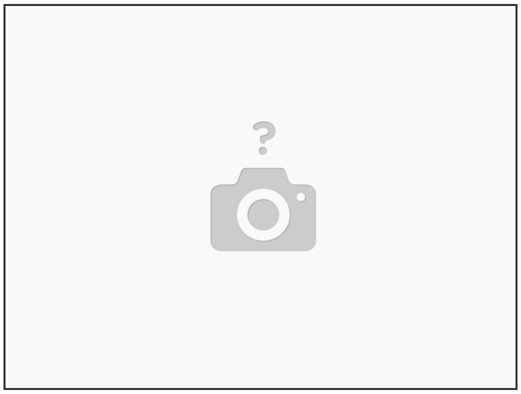
- Disconnect the two antenna leads from the Wireless WAN card. Remove the two retaining screws. Rotate the card up and pull it out of the slot.
- Remeber which lead goes where Prior to removing it . Grey is usually MAIN , black AUX

## Step 9



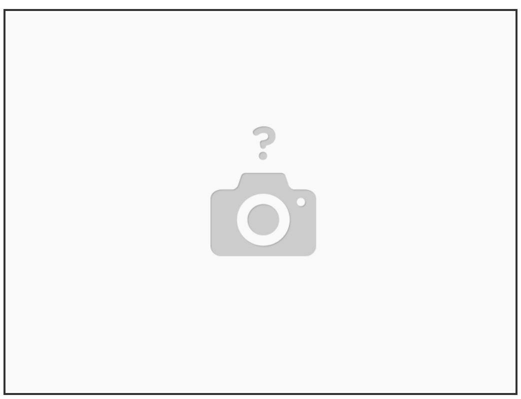
- Remove 14 retaining screws from back
- The first 9 are required for bezel and touchpad removal .
- M2 × 14 mm, wafer-head, nylon-coated (6)
- M2 × 3 mm, wafer-head, nylon-coated (3)
- The remaining need to be removed for base cover removal
- M2 × 5 mm, wafer-head, nylon-coated (4)
- M2 × 10 mm, wafer-head, nylon-coated (1)
- Note: The FPC cable is attached on the underside of the keyboard bezel assembly. In some models, the Bluetooth daughter card is also attached on the underside of the keyboard bezel assembly.

## Step 10



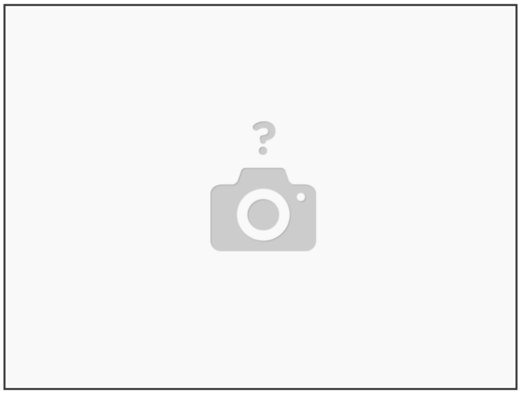
- Turn system over , open , remove 4 retaining screws and the work form one side , using spudger to remove chasis bezel
- M2 × 3 mm, wafer-head, nylon-coated (4)

## Step 11 — Speaker removal



- Remove 4 retaining screws
- M2 × 3 mm, wafer-head, nylon-coated (4)

## Step 12 — "'LCD REMOVAL'"



- Remove the two retaining screws on the bottom of the system.
- M2.5 × 6 mm, wafer-head, nylon-coated (2)
- Turn the system over and open the cover.
- Unroute all the wires.
- Remove the retaining screws.
- M2.5 × 6 mm, wafer-head, nylon-coated (2)
- Carefully lift the LCD panel up and out of the chass

To reassemble your device, follow these instructions in reverse order.

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